

*2664 #2 S.I. 02-1304*

**PATENT**  
Attorney Docket No. 214678  
Client Reference No. 72011.02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

BAHL et al.

Group Art Unit: 2664

Application No. 10/014,104

Examiner: Unassigned

Filed: December 11, 2001

For: CHANNEL ACCESS SCHEME FOR USE  
IN NETWORK COMMUNICATIONS

**CERTIFICATE OF MAILING**  
I hereby certify that this INFORMATION DISCLOSURE STATEMENT (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date indicated below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date 2/5/04 Signature Duran Matz

**INFORMATION DISCLOSURE STATEMENT**

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FEB 12 2004

Technology Center 2600

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

- ☒ **within** any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.
- ☐ **after** (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes *one* of:
- ☐ the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
- or*
- ☐ the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
- ☐ **after** the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).
- ☐ **after** the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and **within** thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).

NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

#### Copies of the References

- ☐ Copies of the references listed on the enclosed Form 1449 are enclosed herewith. Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).
- ☐ A copy of the foreign search report is enclosed herewith.
- ☒ The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not

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Application No.: 10/014,104

submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status ( <i>check one</i> )		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1. 09/169,418	October 9, 1998	X		
2.				
3.				

**Statement under 37 CFR 1.97(e)**

- ☐ The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
- ☐ The **undersigned** hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

**Statement under 37 CFR 1.704(d)**

- ☐ The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

**Fees**

- ☒ No fee is owed by the applicant(s).  
☐ The **IDS Fee of \$180** under 37 CFR 1.17(p) is enclosed herewith.

**Method of Payment of Fees**

- ☐ Attached is a check in the amount of \$ \_\_\_\_\_ .  
☐ Charge Deposit Account No. 12-1216 in the amount of \$ \_\_\_\_\_ . (A duplicate copy of this communication is enclosed for that purpose.)

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**Authorization to Charge Additional Fees**

- ☒ If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.)

**Instructions as to Overpayment**

- ☒ Credit Account No. 12-1216.  
☐ Refund

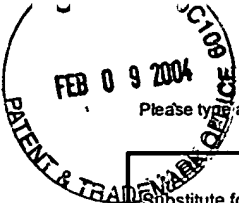


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Date: February 5, 2004

IDS (Revised 5/21/03)



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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>		
				Application Number		10/014,104
				Filing Date		December 11, 2001
				First Named Inventor		BAHL et al.
				Group Art Unit		2664
Examiner Name		Unassigned Technology Center 2600				
Sheet	1	of	3	Attorney Docket Number		214678

U.S. PATENT DOCUMENTS						
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
	AA	4,751,742		Meeker	06/04/1998	
	AB	4,797,742		Sugiyama et al.	01/10/1989	
	AC	4,821,119		Gharavi	04/11/1989	
	AD	5,001,561		Haskell et al.	03/19/1991	
	AE	5,109,528		Uddenfeldt	04/28/1992	
	AF	5,115,309		Hang	05/19/1992	
	AG	5,214,789		George	05/25/1993	
	AH	5,216,503		Paik et al.	06/01/1993	
	AI	5,315,670		Shapiro	05/24/1994	
	AJ	5,412,741		Shapiro	05/02/1995	
	AK	5,436,665		Ueno et al.	07/25/1995	
	AL	5,455,629		Sun et al.	10/03/1995	
	AM	5,513,379		Benveniste et al.	04/30/1996	
	AN	5,526,052		Ar	06/11/1996	
	AO	5,543,845		Asamura et al.	08/06/1996	
	AP	5,544,315		Lehfelt et al.	08/06/1996	
	AQ	5,572,221		Marlevi et al.	11/05/1996	
	AR	5,621,467		Chien et al.	04/15/1997	
	AS	5,625,713		Allen et al.	04/29/1997	
	AT	5,629,780		Watson	05/13/1997	
	AU	5,675,384		Rananurthy et al.	10/10/1997	
	AV	5,745,642		Ahn	04/27/1998	
	AW	5,764,805		Martucci et al.	06/09/1998	
	AX	5,812,547		Benzimra et al.	09/22/1998	
	AY	RE 35,916		Dennison et al.	10/06/1998	
	AZ	5,825,759		Liu	10/20/1998	
	BA	5,877,812		Krause et al.	03/02/1999	
	BB	5,896,176		Das et al.	04/20/1999	
	BC	5,926,476		Ghaibeh	07/20/1999	
	BD	5,936,674		Kim	08/10/1999	
	BE	5,943,347		Shepard	08/24/1999	
	BF	5,953,344		Dail et al.	09/14/1999	
	BG	5,990,933		Ozone et al.	11/23/1999	
	BH	5,995,668		Corset et al.	11/30/1999	
	BI	6,002,802		Chujioh et al.	12/14/1999	
	BJ	6,011,587		Sakazawa al. et	01/04/2000	
	BK	6,020,931		Bilbrey et al.	02/01/2000	
	BL	6,035,073		Kaup	03/07/2000	
	BM	6,052,598		Rudrapatna et al.	04/18/2000	
	BN	6,055,339		Wilkinson	04/25/2000	
	BO	6,078,616		Ozcelik et al.	06/20/2000	
Examiner Signature			Date Considered			

\* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).  
 + An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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Substitute for form 1449A/B/PTO

(Use as many sheets as necessary)

Sheet

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of

3

**Complete if Known**

Application Number

10/014,104

Filing Date

**December 11, 2001**

First Named Inventor

BAHL

### Group Art Unit

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Examiner Name

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Attorney Docket Number

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

## OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
	B X	ZHANG et al., "Variable Bit-Rate Video Transmission in the Broadband ISND Environment", Proceedings of the IEEE, Vol. 79, No. 2 (February 1991), pp. 214-222		
	B Y	KHANSARI et al., "Low Bit-Rate Video Transmission Over Fading Channels for Wireless Microcellular Systems", IEEE Trans. on Circuits and Systems for Video Tech, Vol. 6, No. 1 (February 1996), pp. 1-11		
	B Z	PODOLSKY, et al., "Limited Retransmission of Real-Time Layered Multimedia Signal Processing, (December 1998), pp. 591-596		
	C A	MOLLOY, et al., "A Video Codec Chipset for Wireless Multimedia Networking", IEEE Sign. Proc. Society Workshop on VLSI Signal Processing, (September 1995), pp. 381-390		

**Examiner Signature**

**Date Considered**

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet

3

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Application Number

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## OTHER - NON PATENT LITERATURE DOCUMENTS

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